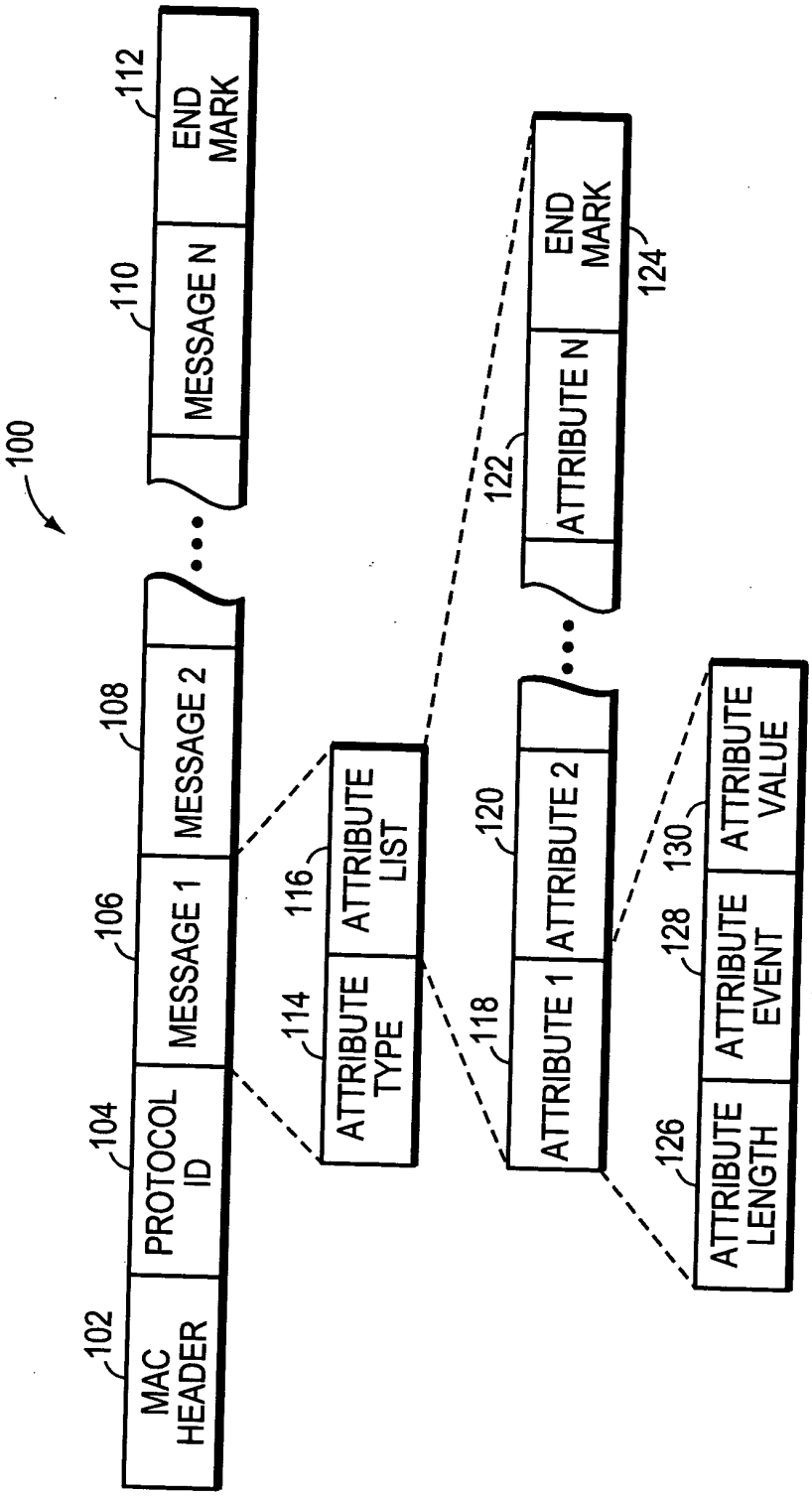

100
102
MAC HEADER
104
PROTOCOL ID
106
MESSAGE 1
108
MESSAGE 2
110
MESSAGE N
112
END MARK
114
ATTRIBUTE TYPE
116
ATTRIBUTE LIST
118
ATTRIBUTE 1
120
ATTRIBUTE 2
122
ATTRIBUTE N
124
END MARK
126
ATTRIBUTE LENGTH
128
ATTRIBUTE EVENT
130
ATTRIBUTE VALUE

FIG. 1

AMPAD 22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

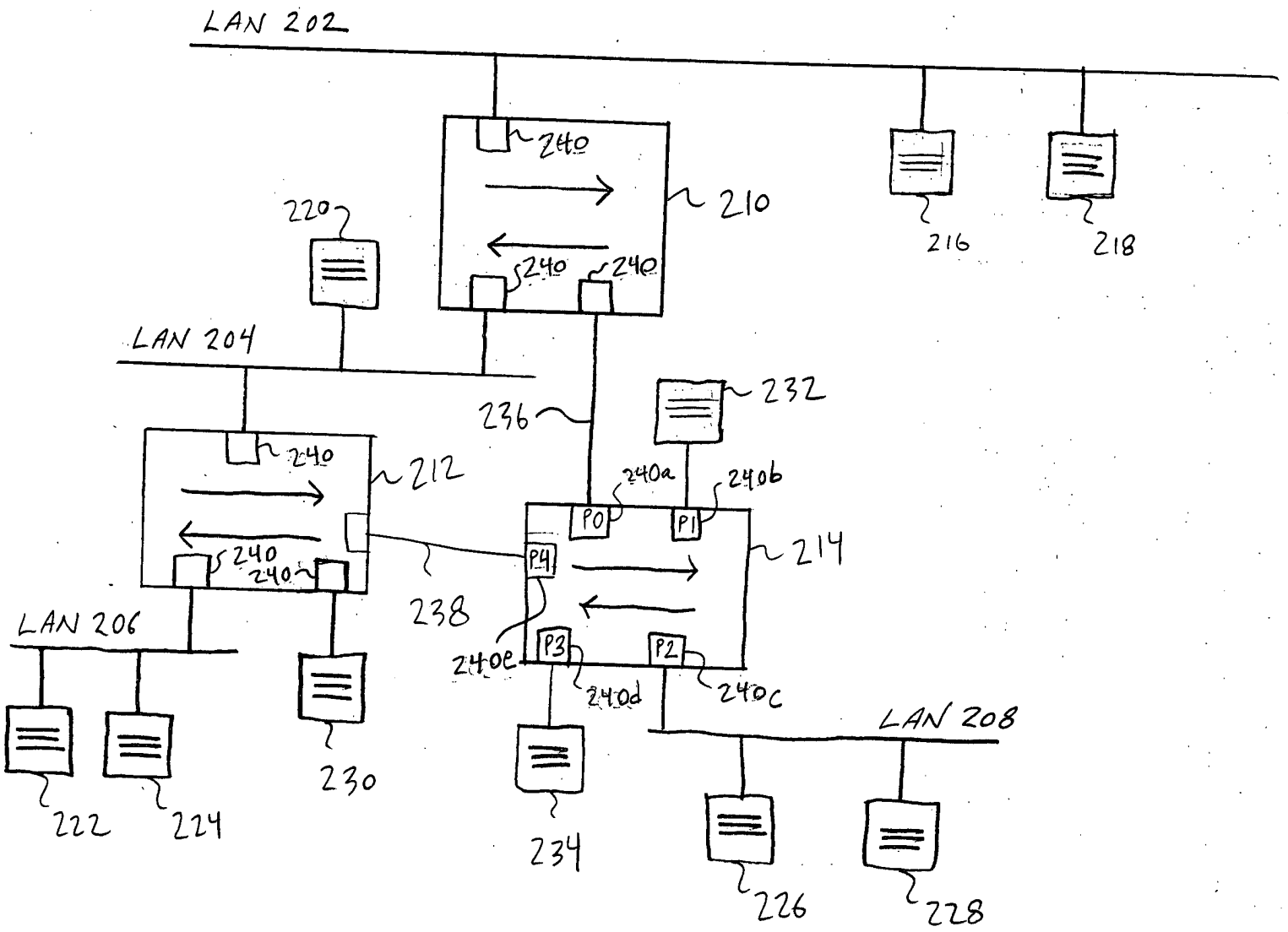


FIG. 2

AMPAD 22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

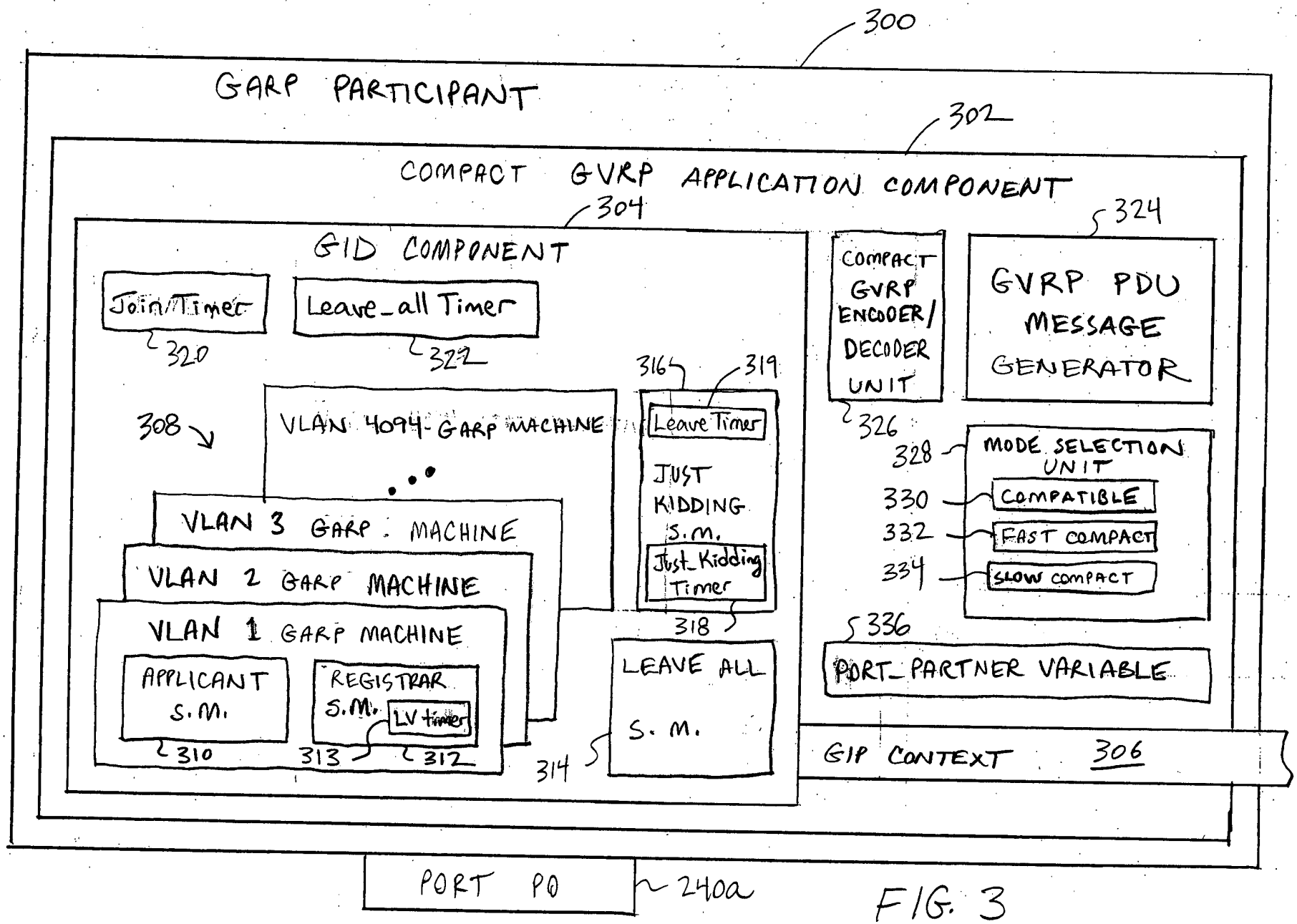


FIG. 3

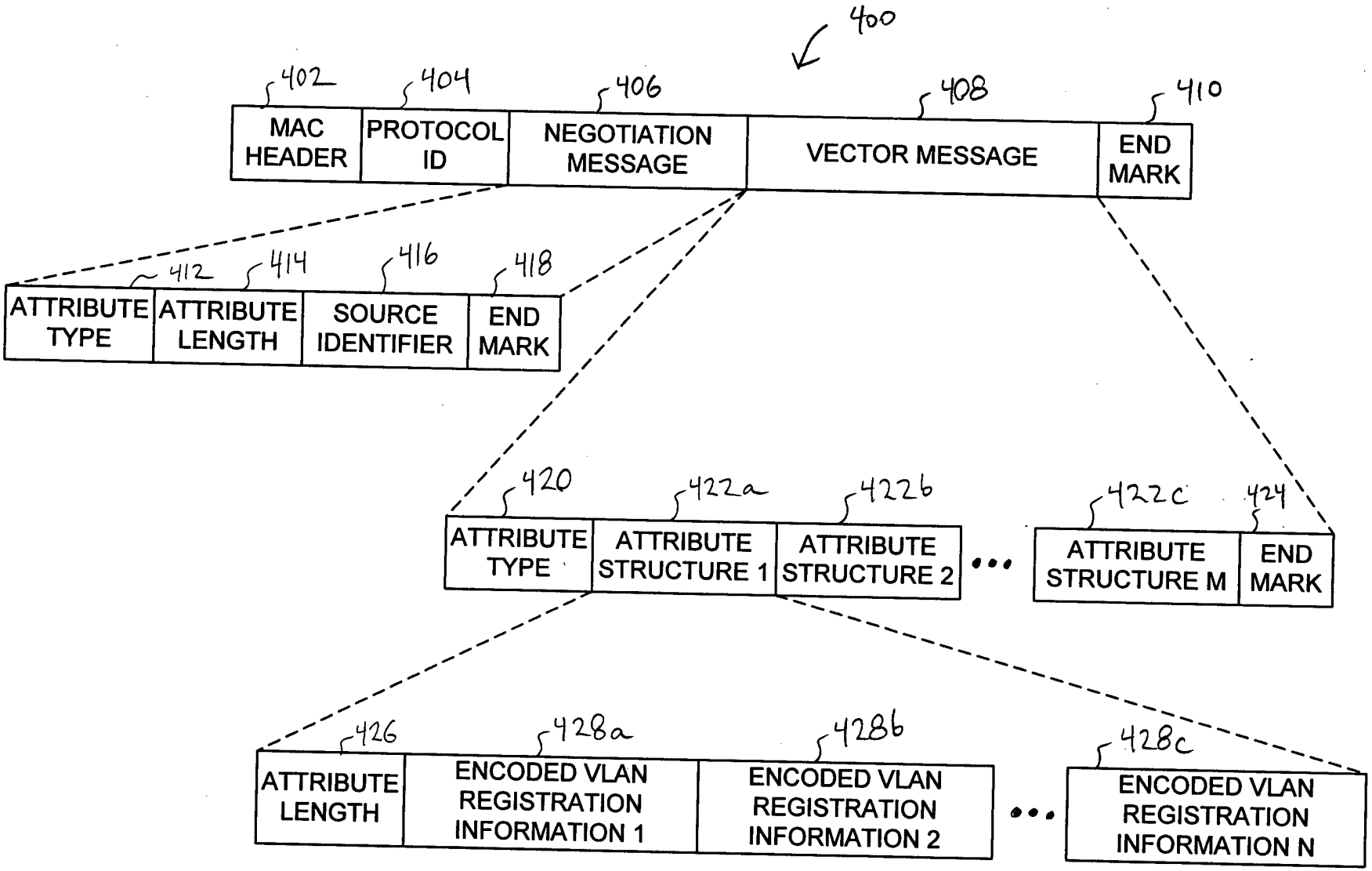

400
402
404
406
408
410
MAC HEADER
PROTOCOL ID
NEGOTIATION MESSAGE
VECTOR MESSAGE
END MARK
412
414
416
418
ATTRIBUTE TYPE
ATTRIBUTE LENGTH
SOURCE IDENTIFIER
END MARK
420
422a
422b
422c
424
ATTRIBUTE TYPE
ATTRIBUTE STRUCTURE 1
ATTRIBUTE STRUCTURE 2
ATTRIBUTE STRUCTURE M
END MARK
426
428a
428b
428c
ATTRIBUTE LENGTH
ENCODED VLAN REGISTRATION INFORMATION 1
ENCODED VLAN REGISTRATION INFORMATION 2
ENCODED VLAN REGISTRATION INFORMATION N

FIG. 4

		STATE (initial state: VO)											
		VA	AA	QA	LA	VP	AP	QP	VO	AO	QO	LO	
EVENT	transmitPDU!	sJ[E,I] AA	sJ[E,I] QA	-x-	sLE VO	sJ[E,I] AA	sJ[E,I] QA	-x-	-x-	-x-	-x-	sE VO	724
	rJoinIn	AA	QA	QA	LA	AP	QP	QP	AO	QO	LO	AO	726
	rJoinEmpty	VA	VA	VA	VO	VP	VP	VP	VO	VO	VO	VO	728
	rEmpty	VA	VA	VA	LA	VP	VP	VP	VO	VO	VO	VO	730
	rLeaveIn	VA	VA	VA	LA	VP	VP	VP	LO	LO	LO	LO	732
	rLeaveEmpty	VP	VP	VP	VO	VP	VP	VP	LO	LO	LO	VO	734
	LeaveAll	VP	VP	VP	VO	VP	VP	VP	LO	LO	LO	VO	736
	ReqJoin	-x-	-x-	-x-	VA	-x-	-x-	-x-	VP	AP	QP	VP	738
	ReqLeave	LA	LA	LA	-x-	VO	AO	QO	-x-	-x-	-x-	-x-	740

FIG. 7

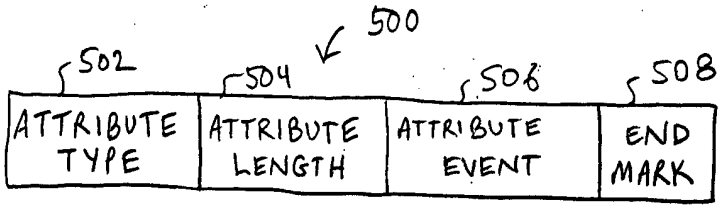
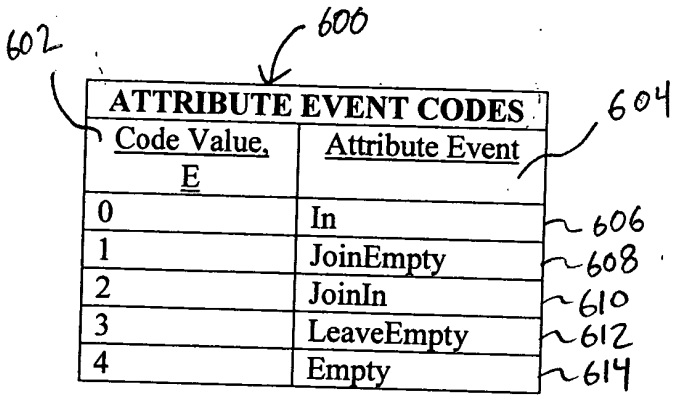


FIG. 5



ATTRIBUTE EVENT CODES	
Code Value, E	Attribute Event
0	In
1	JoinEmpty
2	JoinIn
3	LeaveEmpty
4	Empty

FIG. 6

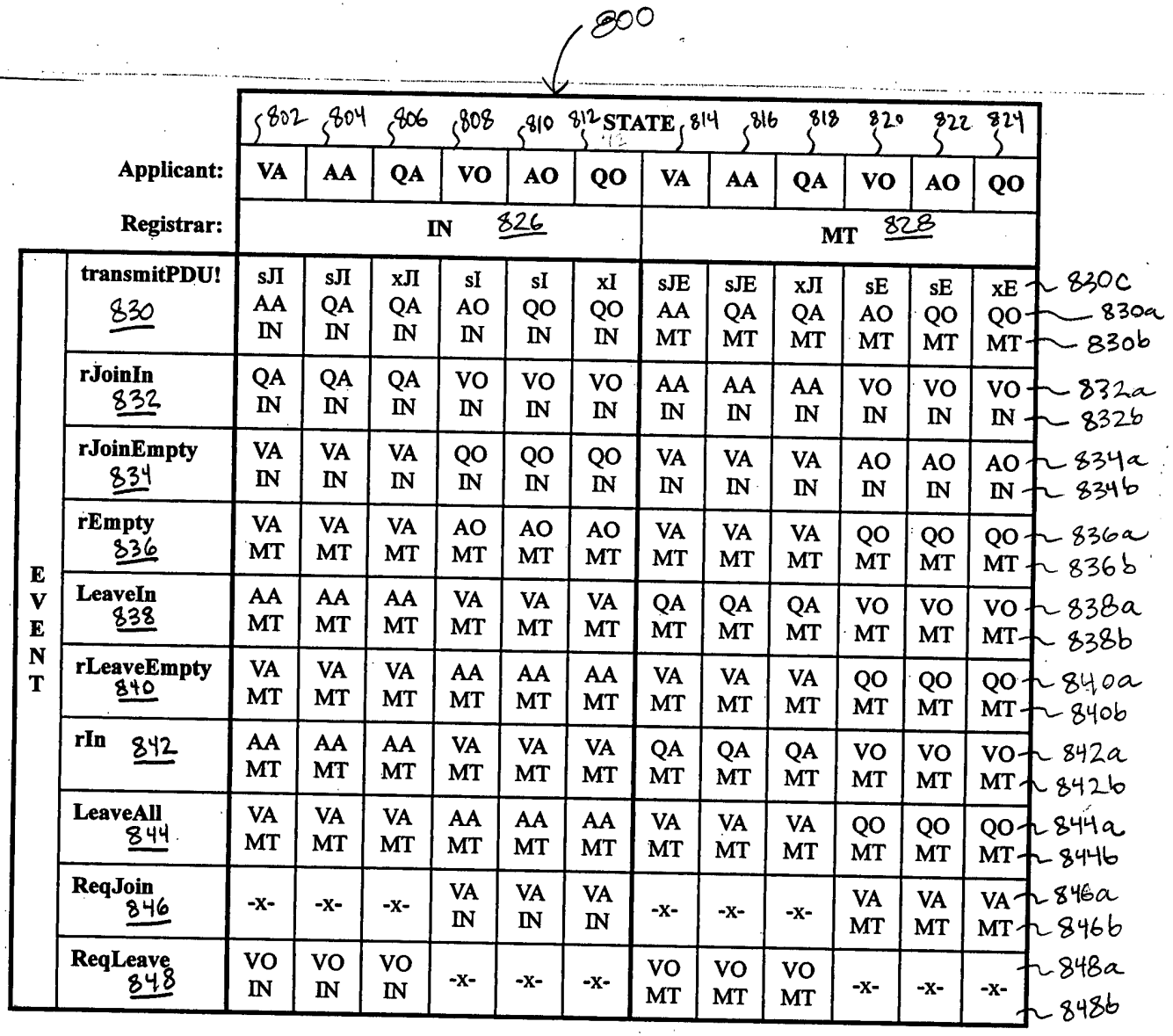

800
802 804 806 808 810 812 STATE 814 816 818 820 822 824
Applicant: VA AA QA VO AO QO VA AA QA VO AO QO
Registrar: IN 826 MT 828
EVENT
transmitPDU! 830
sJI AA IN | sJI QA IN | xJI QA IN | sI AO IN | sI QO IN | xI QO IN | sJE AA MT | sJE QA MT | xJI QA MT | sE AO MT | sE QO MT | xE QO MT
830c 830a 830b
rJoinIn 832
QA IN | QA IN | QA IN | VO IN | VO IN | VO IN | AA IN | AA IN | AA IN | VO IN | VO IN | VO IN
832a 832b
rJoinEmpty 834
VA IN | VA IN | VA IN | QO IN | QO IN | QO IN | VA IN | VA IN | VA IN | AO IN | AO IN | AO IN
834a 834b
rEmpty 836
VA MT | VA MT | VA MT | AO MT | AO MT | AO MT | VA MT | VA MT | VA MT | QO MT | QO MT | QO MT
836a 836b
LeaveIn 838
AA MT | AA MT | AA MT | VA MT | VA MT | VA MT | QA MT | QA MT | QA MT | VO MT | VO MT | VO MT
838a 838b
rLeaveEmpty 840
VA MT | VA MT | VA MT | AA MT | AA MT | AA MT | VA MT | VA MT | VA MT | QO MT | QO MT | QO MT
840a 840b
rIn 842
AA MT | AA MT | AA MT | VA MT | VA MT | VA MT | QA MT | QA MT | QA MT | VO MT | VO MT | VO MT
842a 842b
LeaveAll 844
VA MT | VA MT | VA MT | AA MT | AA MT | AA MT | VA MT | VA MT | VA MT | QO MT | QO MT | QO MT
844a 844b
ReqJoin 846
-x- | -x- | -x- | VA IN | VA IN | VA IN | -x- | -x- | -x- | VA MT | VA MT | VA MT
846a 846b
ReqLeave 848
VO IN | VO IN | VO IN | -x- | -x- | -x- | VO MT | VO MT | VO MT | -x- | -x- | -x-
848a 848b

FIG. 8

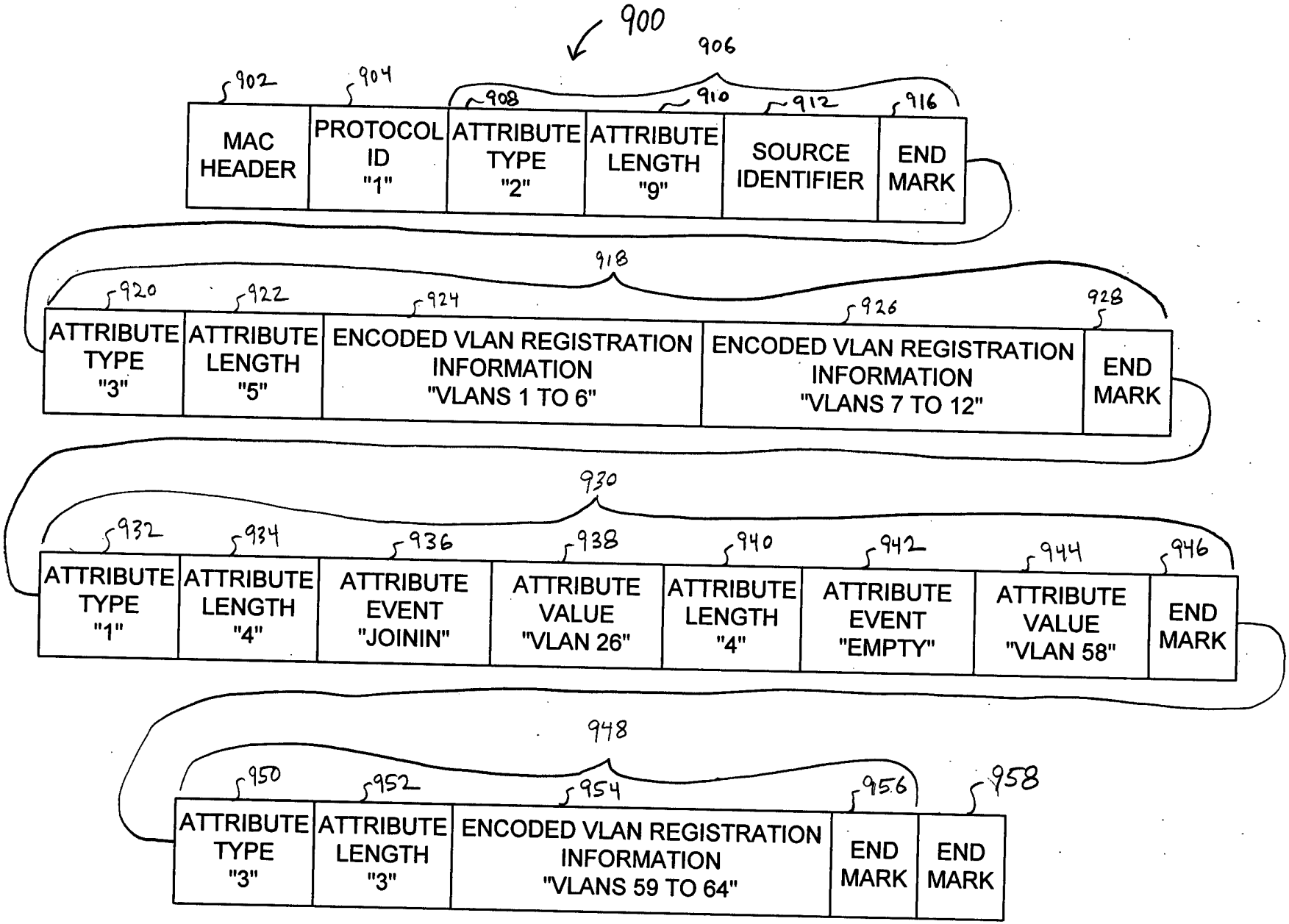

900
902
904
906
908
910
912
916
MAC HEADER
PROTOCOL ID "1"
ATTRIBUTE TYPE "2"
ATTRIBUTE LENGTH "9"
SOURCE IDENTIFIER
END MARK
918
920
922
924
926
928
ATTRIBUTE TYPE "3"
ATTRIBUTE LENGTH "5"
ENCODED VLAN REGISTRATION INFORMATION "VLANS 1 TO 6"
ENCODED VLAN REGISTRATION INFORMATION "VLANS 7 TO 12"
END MARK
930
932
934
936
938
940
942
944
946
ATTRIBUTE TYPE "1"
ATTRIBUTE LENGTH "4"
ATTRIBUTE EVENT "JOININ"
ATTRIBUTE VALUE "VLAN 26"
ATTRIBUTE LENGTH "4"
ATTRIBUTE EVENT "EMPTY"
ATTRIBUTE VALUE "VLAN 58"
END MARK
948
950
952
954
956
958
ATTRIBUTE TYPE "3"
ATTRIBUTE LENGTH "3"
ENCODED VLAN REGISTRATION INFORMATION "VLANS 59 TO 64"
END MARK
END MARK

FIG. 9